

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (canceled).

1 Claim 14 (new): A system for charging, in a packet based
2 telecommunication network, the packet load per connection,
3 the system comprising a measuring device for measuring a
4 time period (t) during which a predefined number (N) of
5 packets that belong to a common connection are received or
6 transmitted through the connection.

1 Claim 15 (new): The system recited in claim 14 further
2 comprising a calculation device, responsive to said
3 measuring device, for calculating a ratio reflective of the
4 number (N) of packets per said time period (t) so as to
5 yield a calculation result (r) and supplying the
6 calculation result (r) to a billing system.

1 Claim 16 (new): The system recited in claim 15 wherein the
2 telecommunication network carries system packets (RM, RESV)
3 which comprise an indication (rl) of capacity or priority
4 of the connection and as requested by a user, the system

5 further comprising a first detection device, responsive to
6 the system packets, for reading out the indication (r1)
7 from the system packets and transferring the
8 indication (r1) to the billing system.

1 Claim 17 (new): The system recited in claim 15 wherein the
2 telecommunication system carries system packets (RM, RESV)
3 which comprise an indication (r2) of capacity or priority
4 of the connection and as assigned by the telecommunication
5 system, the system further comprising a second detection
6 device, responsive to the system packets, for reading out
7 the indication (r2) from the system packets and
8 transferring the indication (r2) to the billing system.

1 Claim 18 (new): The system recited in claim 15 further
2 comprising an aggregation device for aggregating the
3 calculation result so as to form an aggregated result and
4 passing the aggregated result to the billing system.

1 Claim 19 (new): The system recited in claim 16 further
2 comprising an aggregation device for aggregating said
3 capacity or priority indications provided by the first
4 detection device so as to form aggregated indications and
5 passing the aggregated indications to the billing system.

1 Claim 20 (new): The system recited in claim 17 further
2 comprising an aggregation device for aggregating said
3 capacity or priority indications provided by the second
4 detection device so as to form aggregated indications and
5 passing the aggregated indications to the billing system.